

ABSTRACT OF THE DISCLOSURE

An image scanner device connected to a general information processing apparatus can be used on a network at a low cost, and further, the firmware of hardware for this purpose can be a maintenance-free firmware, thus user's convenience can be improved. A scanner/network connection apparatus 100 to connect a scanner 200 to a network 300 has an LCD server to drive a LCD as a display unit, a touch panel task to transmit a touch position on a touch panel, and a SCSI server to connect the scanner 200 to the network. A PC 500 to control the scanner has a virtual LCD driver, a virtual touch panel driver, and a virtual SCSI driver, operating to provide an environment as if the LCD, the touch panel and the image scanner of the scanner/network connection apparatus 100 are connected to the PC 500. The virtual LCD driver draws a screen image as a user interface for various operations, and the result of drawing is displayed on the LCD of the scanner/network connection apparatus 100. Thus an interactive operation environment can be provided to the user.